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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 10

## Complete if Known

Application Number	09/577,961	JAN 30 2001
Filing Date	5/24/00	
First Named Inventor	DAVID DURS	Technology Center 2100
Group Art Unit	2266 2/32	
Examiner Name	JURTH T. DURS	
Attorney Docket Number	TDT 206	

## U.S. PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
JD		6028937	A	TATEBAYASHI, ETAL	2/22/00	2P0/250
JD		6026167	A	AZIZ	2/15/00	3P0/2P
JD		6009171	A	CIA CELLI ETAL	12/28/99	3P0/2P
JD		5991399	A	GRAUNKE, ETAL	11/23/99	3P0/2P
JD		5948136	A	SMYERS	9/7/99	7/1/07
JD		5915018	A	AUCSMITH	6/22/99	6P0/2P
JD		5913543	A	CURIEL	6/22/99	2P0/2P
JD		5370763	A	CURIEL	12/6/94	15P/277
JD		5601683	A	MARTIN	2/11/97	15P/277
JD		5949042	A	DIETZ ETAL	9/7/99	23P/2P
JD		5928471	A	HOWLAND ETAL	7/27/99	162/100
JD		2021141	A	BOYER	11/19/35	134/133
JD		4513056	A	VERNOIS, ETAL	4/23/85	42P/264
JD		5946103	A	CURRY	8/31/99	35P/405
JD		5453605	A	HECHT, ETAL	9/26/95	235/484
JD		5193853	A	WICKER	3/16/93	2P3/85
JD		5315112	A	HARRIS	5/24/94	250/235
JD		5706099	A	CURRY	1/6/98	35P/298
JD		5696604	A	CURRY	12/9/97	35P/469

## FOREIGN PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
JD		EP	A2-0203499	A2	ST. REGIS PAPER CO.	12/3/86	B41M 3/10	
JD		GB	A-1489084	A	EHRETSMANN, ETAL	10/19/77	B41M 3/10	
JD		EP	A1-0388090	A1	THE DE LA RUE COMPANY	9/19/90	B42P 15/00	
JD		JP	61-41397	A		02/27/1978	021H 5/00	
JD		UK	1138011	A	CANADIAN BANK NOTE	12/27/68	B41M 3/14	
JD		UK	2224240A	A	KENRICK+JEFFERSON	5/2/90	B42D 15/00	
JD		WO	97/25177	A1	LAZARE KAPLAN	7/17/97	B23 26/04	
JD		EP	0660270A2	A2	FRANCOTYP-POSTALIA	10/19/94	G07B 17/04	
JD		EP	0328320	A1	COURTAULDS PLC	8/16/89	D06Q 1/00	

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Justin Durs

Date

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06/21/2004

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Application Number	09/577,961
Filing Date	5/24/00
First Named Inventor	DAVID BURR
Group Art Unit	2766 2/32
Examiner Name	Sutton T.O

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Sheet 2 of 10

Attorney Docket Number TDT 206

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Column, Lines
		Number	Kind Code* (if known)			When Relevant Passages or Relevant Figures Appear
JO		5410414	A	CURRY	4/25/95	350/290
JO		5710636	A	CURRY	1/20/98	350/290
JO		5018767	A	WICKER	5/28/91	203/67
JO		5396559	A	McGREW	3/7/95	380/57
JO		6039357	A	KENDRICK	3/21/00	201/93
JO		5995638	A	AMIDRORE ETAL	11/30/99	302/100
JO		6014453	A	SONODA ETAL	1/11/00	302/100
JO		6045881	A	GASPER ETAL	4/4/00	302/100
JO		6001516	A	GASPER	12/14/99	302/100
JO		5919730	A	GASPER ETAL	7/6/99	302/100
JO		5864742	A	GASPER ETAL	1/26/99	302/100
JO		5856266	A	GASPER ETAL	1/5/99	302/100
JO		5843564	A	GASPER ETAL	12/1/98	420/121
JO		5752152	A	GASPER ETAL	5/12/98	399/366
JO		6030655	A	HANSMIRE ETAL	2/29/00	427/1
JO		5289547	A	LIGAS ETAL	2/22/94	382/17
JO		4507349	A	FROMSON ETAL	3/26/85	420/195
JO		4767205	A	SCHWARTZ ETAL	8/30/88	356/71
JO		4157784	A	GROTTURP ETAL	6/12/79	235/491
JO		3391479	A	BUZZELL ETAL	7/9/68	40/2.2

## FOREIGN PATENT DOCUMENTS

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Signature**

Arthur Brown

Date  
Considered

06/20/2005

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Sheet	3	of	10
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Application Number	09/577,961	JAN 30 2001
Filing Date	5/24/00	
First Named Inventor	DAVID DURST	
Group Art Unit	2766	Technology Center 2100
Examiner Name	Justin T. Darnell	
Attorney Docket Number	TDT 206	

Class / Subj: Gen

U.S. Patent Document				Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant; Passages or Relevant Figures Apparent
Examiner Initials*	Cite No.†	Number	Kind Code? (if known)			
JD		3880706	A	WILLIAMS	4/29/75	162/103 3
JD		4247318	A	LEE, ETAL	1/27/81	156/163
JD		4186943	A	LEE	2/5/80	203/7
JD		4445039	A	YEW	4/24/84	120/442
JD		4652015	A	CRANE	3/24/87	25/191
JD		4552617	A	CRANE	11/12/85	162/103
JD		4437935	A	CRANE, JR	3/20/84	1 JAN 2 8 2001
JD		5602381	A	HOSHINO, ETAL	2/11/97	235/483
JD		5601931	A	HOSHINO, ETAL	2/11/97	235/538
JD		3701165	A	HUDDLESTON	10/31/72	2/243 R
JD		4820912	A	SAMYN	4/11/89	235/449
JD		5325167	A	MELEN	6/28/94	356/71
JD		3942154	A	AKAMI, ETAL	3/2/76	340/146.3 B
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JD		5591527	A	LU	1/7/97	420/411.1
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JD		5549953	A	LI	8/27/96	420/64
JD		4434010	A	ASH	2/28/84	106/291
JD		4704356	A	THONAR	11/3/87	435/7

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Signature**

Justin Simon

Date Considered

06/21/2004

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Justin T. Duggan

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Figures Appear~~

Examiner Initials*	Cite No.¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passage or Paragraph Figure Number
		Number	Kind Code² (If known)			
DD		4779898	A	BERNING ETAL	10/25/88	203/50
DD		4838648	A	PHILLIPS, ETAL	6/13/89	350/166
DD		4930866	A	BERNING ETAL	6/5/90	350/290
DD		5059245	A	PHILLIPS, ETAL	10/22/91	606/22
DD		5171363	A	PHILLIPS, ETAL	12/15/92	106/22
DD		5214530	A	COOMBS, ETAL	5/25/93	JAN 559/35
DD		5135812	A	PHILLIPS, ETAL	8/4/92	42/200/00
DD		6038016	A	JUNG, ETAL	3/14/00	356/71
DD		5966205	A	JUNG, ETAL	10/12/99	356/71
DD		1938543	A	SANBURN	12/5/33	92/3
DD		2208653	A	WHITEHEAD	7/23/40	92/21
DD		2379443	A	KANTROWITZ, ETAL	7/3/45	250/302
DD		3839637	A	WILLIS	10/1/74	420/215
DD		4623579	A	QUON	11/18/86	203/PS
DD		4756557	A	KAULE ETAL	7/12/88	162/140
DD		6019872	A	KURRIE	2/1/00	162/140
DD		6054021	A	KURRIE, ETAL	4/25/00	162/140
DD		6045656	A	FOSTER ETAL	4/4/00	162/140
DD		6035914	A	RAMSEY ETAL	3/14/00	156/370

[illegible]

Justin Zangner

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06/21/2004

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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JAN 30 2001  
Technology Center 2100

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Sheet 5 of 10

Application Number	09/577,961	JAN 30 2001
Filing Date	5/24/00	
First Named Inventor	DAVID DURET	Technology Center 2
Group Art Unit	2766 2/32	
Examiner Name	Jurth T. Duran	
Attorney Docket Number	TDT 206	

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Whole, Fractional, Passages or Relevant Figures Appar.
		Number	Kind Code <sup>1</sup> (if known)			
DN		5984366	A	PRIDDY	11/16/99	283/72
DN		5393099	A	D'AMATO	2/28/95	283/91
DN		5380047	A	MOLEE, ETAL	1/10/95	283/186
DN		5243641	A	EVANS, ETAL	9/7/93	379/161
DN		4199615	A	WACKS, ETAL	4/22/80	427/143
DN		4059471	A	HAIGH	11/22/77	156/152
DN		5464690	A	BOSWELL	11/7/95	428/1834
DN		4913858	A	MIEKKA, ETAL	4/3/90	264/1
DN		6028936	A	HILLIS	2/22/00	380/23
DN		6021202	A	ANDERSON, ETAL	2/1/00	380/25
DN		6009174	A	TATEBAYASHI, ETAL	12/28/99	380/21
DN		5375170	A	SHAMIR	12/20/94	380/30
DN		5263085	A	SHAMIR	11/16/93	380/70
DN		4405829	A	RIVEST, ETAL	9/20/83	178/72.1
DN		5600725	A	RUEPPEL, ETAL	2/4/97	380/30
DN		5604804	A	MICALI	2/18/97	380/25

**FOREIGN PATENT DOCUMENTS**

[illegible]

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Signature**

Justin Brown

Date Considered

06/2/2004

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	09/577,969
			Filing Date	5/24/00
			First Named Inventor	DAVID DUBOIS
			Group Art Unit	2765 2/32
			Examiner Name	Jurith T. P...
			Attorney Docket Number	TDT 206
Sheet	6	of	10	

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Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Column, Line, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
DD		6002772	A	SAITO	12/14/99	300/49
DD		6052780	A	GLOVER	4/18/00	713/193
DD		6011905	A	HUTTENLOCHER ETAL	1/4/00	395/102
DD		5933829	A	DURST, ETAL	8/3/99	707/18
DD		6065119	A	SANDFORD, ETAL	5/16/00	713/6200
DD		5592549	A	NAGEL ETAL	1/7/97	300/1429
DD		5394469	A	NAGEL ETAL	2/28/95	380/4
DD		6044463	A	KANDA ETAL	3/28/00	713/168
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DD		6058384	A	PIERCE ETAL	5/2/00	705/00
DD		5953426	A	WINDEL ETAL	9/14/99	300/51
DD		3962539	A	EHR SAM ETAL	6/8/76	178/22
DD		5422954	A	BERSON	6/6/95	300/51

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[illegible]

Examiner Signature	<i>Justin Zinger</i>	Date Considered	06/21/2004
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2002 OMB 0651-0031

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Sheet 7 of 10

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JAN 30 2001

Application Number	09/577 961
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First Named Inventor	DAVID DURST
Group Art Unit	2966 2/32
Examiner Name	Judith T. Pae
Attorney Docket Number	TDT 206

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		Number	Kind Code* (If known)			
no		5337362	A	GORMISH, ETAL	8/9/94	300/54
no		516978	A	QUISQUATER	11/24/92	300/43
no		5113445	A	WANG	5/12/92	300/51
no		4893338	A	PASTOR	1/9/90	300/25
no		4879747	A	LEIGHTON, ETAL	11/7/89	300/15
no		4868877	A	FISCHER	9/19/89	300/25
no		4853961	A	PASTOR	8/1/89	300/21
no		4812965	A	TAYLOR	3/14/89	300/21
no		5932119	A	KAPLAN, ETAL	8/3/99	300/21
no		5367148	A	STORCH, ETAL	11/22/94	300/21
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no		5426700	A	BERSON	6/20/95	300/21
no		5420924	A	BERSON, ETAL	5/30/95	300/21

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of

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Application Number

09	577	96
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~~JAN 30 2001~~

**Filing Date**
$$5 \overline{) 2400}$$

## Technology Center 2100

**First Named Inventor**

DAVID DURET

### Group Art Unit

~~276~~ 2132

**Examiner Name**

James T. Quinn

Attorney Docket Number

TDT 206

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Columns, Line Where Relevant Passages or Abstract Figure Number
		Number	Kind Code <sup>2</sup> (if known)			
DD		5384846	A	BERSON ETAL	1/24/95	380/258
DD		5388158	A	BERSON	2/7/95	380/23
DD		5191613	A	GRAZIANO ETAL	3/2/93	380/25
DD		5163091	A	GRAZIANO ETAL	11/10/92	380/25
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DD		4981370	A	DZIEWIT ETAL	1/1/91	380/25
DD		6049787	A	TAKAHASHI ETAL	4/11/00	205/44
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DD		5073935	A	PASTOR	12/17/91	380/30
DD		4816655	A	MUSYCK ETAL	3/28/89	387/20
DD		4630201	A	WHITE	12/16/86	364/40
DD		4463250	A	MCNEIGHT ETAL	7/31/84	238/109
DD		4150781	A	SILVERMAN ETAL	4/24/79	235/32
DD		4637051	A	CLARK	1/13/87	224/1
DD		4864618	A	WRIGHT ETAL	9/5/89	380/81
DD		4972475	A	SANT' ANSELMO	11/20/90	380/5
DD		4982437	A	LORIOT	1/1/91	382/18
DD		5075862	A	DOEBERL ETAL	12/24/91	385/17

**FOREIGN PATENT DOCUMENTS**

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**Examiner  
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Justin Brown

Date \_\_\_\_\_

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Application Number	09/577,961	RECEIVED
Filing Date	5/24/00	
First Named Inventor	DAVID DURST	JAN 30 2001
Group Art Unit	866 2/32	
Examiner Name	Jurina T. Durst	Technology Center 2100
Attorney Docket Number	TDT 306	

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Examiner Initials	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Added
		Number	Kind Code <sup>2</sup> (if known)			
		5227617	A	CHRISTOPHER ETAL	7/13/93	235/1462
		5285382	A	MUEHLBERGER ETAL	2/8/94	364/491
		5337361	A	WANG ETAL	8/9/94	380/578
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		5442045	A	HAUGLAND ETAL	8/15/95	520/391.3

**FOREIGN PATENT DOCUMENTS**

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Examiner Signature	<i>Austin Benson</i>
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Date Considered	06/21/2004
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DAVID DURST JAN 30 2001

Group Art Unit

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Examiner Name

Justin T. Quinn

Attorney Docket Number

TDT 206

Technology Center 2100

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
JD		RIVEST, ETAL "A Method for Obtaining Digital Signatures..." Communications of ACM 21(2): 120-126 (Feb 1978)
JD		"DSS: specifications of a digital signature algorithm", National Institute of Standards and Technology, Draft, August 1991
JD		COX, ETAL, "Secure Spread Spectrum Watermarking..." NEC Research Inst Tech Report 95-10, 1995



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Date

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